

The economic costs of type 2 diabetes: a global systematic review

Pharmacoeconomics

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Table ESM3 Costing components included in studies estimating direct costs

Ref.	Country (year of cost data)	Hospital Visits	Outpatient Visits	Physician Visits	Drugs	Laboratory	Equipment	Non- medical	Other Costs	Two main cost contributors
[10]	LMIC (2002- 2003)									No breakdown of costs provided NA
[9]	AFR (2000- 2005)	x	x	x	x	x	x	x	x	No exact information on share in expenditures is available
[42]	AUS (1993- 1996)	x	x	x	x	x	x			No exact information on share in expenditures is available
[17]	CAN (1995- 2007)	x	x	x						Hospital, physician
[18]	CAN (1993- 2001)	x	x	x	x	x	x			Hospital, medication
[16]	CAN (1996)	x	x	x	x	x	x			Hospital, medication
[56]	CAN (1998)	x	x	x	x	x				No exact information on share in expenditures is available
[52]	CAN (1992- 2001)	x	x	x	x					Hospital
[43]	CAN (1991- 1996)	x	x	x	x					Hospital, prescription drugs

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[62]	CAN (1991- 2001)	x	x	x						Hospital
[92]	CHN (2007)	x	x	x				x		Complications, insulin therapy
[80]	CHN (2007)	x	x					x		Hospital, outpatient visits
[13]	CHN (2009- 2010)	x	x	x	x	x	x			Hospital, medication
[81]	CHN (2007)	x	x	x	x	x	x	x		No exact information on share in expenditures available
[19]	COL (2007)				No breakdown of costs provided					NA
[20]	CZE (2007)	x	x	x	x	x	x			Hospital, medication
[53]	FIN (2005- 2010)	x	x	x	x	x	x			
[63]	FRA (1998,2000)	x	x	x				x		Hospital, medication
[65]	DEU (2001)	x	x	x	x	x	x	x		Hospital, medication
[64]	DEU (2000- 2007)	x	x	x	x	x	x	x	x	Hospital, other services (medical devices, remedies, professional

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[21]	DEU (1995- 2003)	x	x	x	x	x	x			home nursing, transportation) No exact information on share in expenditures available
[66]	DEU (2000- 2009)	x	x	x	x	x	x	x	x	Hospital, medication
[15]	EUR (1999)	x	x	x	x	x	x	x		Hospital, medication
[82]	HKG (2004)	x	x	x	x	x	x	x	x	Hospital, outpatient clinic visits
[83]	IND (2005)	x	x	x	x	x	x			Hospital/surgery, medication
[91]	IND (2009)	x	x	x				x		Hospital, medication
[84]	IRN (2009)	x	x	x	x	x	x	x	x	Complications, medication
[67]	IRN (2004,2005)	x	x	x	x	x	x	x		Hospital, medication and devices
[22]	IRL (1999- 2000)	x	x	x	x	x				Hospital, ambulatory/drug costs
[68]	ISR (1999- 2001)	x	x	x	x					Medication and lab/diagnostics
[23]	ITA (1999)	x	x	x	x	x				Hospital, drugs

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[70]	ITA (August 2003-July 2004)	x	x		x	x				Hospital, drugs	
[24]	ITA (Jan 2001-Aug 2002)	x		x	x	x				Hospital, drugs	
[69]	ITA (1997- 2006)	x		x	x	x	x			Hospital, drugs	
[25]	JPN (1990- 2001)			No breakdown of costs provided							NA
[14]	LAC (2000)	x	x	x	x					Medication, complications	
[28]	MEX (1989- 2003)	x	x	x	x	x				No exact information on share in expenditures available	
[29]	MEX (1990- 2008)	x	x	x	x	x				Medication, complications	
[27]	MEX (1989- 2002)	x	x	x	x	x				Drugs, complications	
[26]	MEX (2002- 2004)	x	x	x	x	x				Drugs, complications	
[44]	MEX (2002- 2004)	x	x	x	x	x	x		x	Hospital, administrative costs	

Ref.	Country (year of cost data)	Hospital Visits	Outpatient Visits	Physician Visits	Drugs	Laboratory	Equipment	Non- medical	Other Costs	Two main cost contributors
[30]	NLD (1998)	x	x	x	x	x	x	x		Hospital, medication
[79]	NLD (2000- 2004)	x			x					Hospital, medication
[12]	NGA (2003- 2004)		x		x	x	x	x	x	Drugs, diagnostic tests
[45]	NOR (2005)	x	x	x	x		x		x	Drugs, medical devices
[85]	PAK (2006)		x		x	x		x		Medicine cost, laboratory costs
[61]	POL (2005- 2009)	x	x	x	x	x	x			Medication, primary care
[86]	SRB (2007)	x	x	x	x	x	x			Medication, medical services (incl. ambulatory and hospital costs)
[31]	SRB (2002)		x	x	x	x	x			No exact information on share in expenditures available
[47]	ESP (1998- 1999)	x	x	x	x	x	x			Drugs, hospital
[46]	ESP (1999)	x	x	x	x		x		x	Medication, hospital
[32]	ESP (2002)	x	x	x						Hospital, medication
[54]	ESP (1998)	x	x	x	x	x				Hospital, medication

Ref.	Country (year of cost data)	Hospital Visits	Outpatient Visits	Physician Visits	Drugs	Laboratory	Equipment	Non- medical	Other Costs	Two main cost contributors
[87]	SDN (2005)		x		x	x				Outpatient clinic, drugs
[59]	SWE (1987 and 2005)	x	x		x					Hospital, drugs
[71]	SWE (1992- 1993)	x	x	x				x		Hospital, home help hours
[72]	SWE (2005)	x	x	x						Hospital, medication
[33]	SWE (2000- 2004)	x	x		x	x	x			Hospital, outpatient visits
[57]	CHE (1998- 1999)	x	x	x						Hospital, medication
[48]	TWN (1998- 1999)	x	x	x	x	x				No exact information on share in expenditures available
[34]	TWN (2000)	x	x							Outpatient visits
[88]	THA (2007- 2008)	x	x		x	x		x	x	Informal care, hospitalizations
[41]	CARICOM (2001)	x	x	x	x	x				Medication and lab/diagnostics
[89]	ARE (2004- 2005)	x	x	x	x	x				Hospital (information on other cost components not presented)

Ref.	Country (year of cost data)	Hospital Visits	Outpatient Visits	Physician Visits	Drugs	Laboratory	Equipment	Non- medical	Other Costs	Two main cost contributors	
[58]	USA (2007)	x	x	x	x	x	x	x	x	No exact information on share in expenditures available	
[78]	USA (1998)	x	x	x	x	x	x		x	Inpatient, outpatient	
[50]	USA (1998)	x	x	x	x	x	x	x	x	Physician visits, hospital	
[49]	USA (1998- 2000)	x	x	x	x	x	x			Institutional care (nursing home stays, hospital), outpatient care	
[90]	USA (1996)		No breakdown of costs provided. Only self reported healthcare cost estimate.								NA
[74]	USA (2000, 2005)	x	x	x	x	x	x			Hospital, outpatient services	
[77]	USA (2000- 2004)		No breakdown of costs provided. Only self reported healthcare cost estimate.								NA
[37]	USA (2000- 2001)	x	x		x	x				No exact information on share in expenditures is available	
[76]	USA (2004- 2005)	x	x	x						Hospital, medication	
[38]	USA (1996)	x	x	x		x				No exact information on share in expenditures available	

Ref.	Country (year of cost data)	Hospital Visits	Outpatient Visits	Physician Visits	Drugs	Laboratory	Equipment	Non- medical	Other Costs	Two main cost contributors	
[75]	USA (2006)									No breakdown of costs provided	NA
[60]	USA (1998- 2003)	x	x	x	x	x	x				No exact information on share in expenditures available
[40]	USA (1998)	x	x								Hospital
[73]	USA (1997- 1998)									No breakdown of costs provided. Only self reported total healthcare cost estimate.	NA
[35]	USA (2000)	x	x	x	x	x	x				No exact information on share in expenditures available
[55]	USA (2006)	x	x	x							Hospital, medication
[51]	USA (2006- 2007)	x	x	x							Hospital, medication
[36]	USA (2004- 2007)									No breakdown of costs provided	NA
[39]	USA (2000)		x	x				x	x		Medication, ambulatory